

INTERNATIONAL SEARCH REPORT

ational Application No

/IB2004/051017

A. CLASSIFICATION OF SUBJECT MATTER H01J61/34 H01J61/36 H01J61/82 H01J61/12		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) H01J		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 14 289 A1 (ADVANCED LIGHTING TECHNOLOGIES, INC) 27 September 2001 (2001-09-27) the whole document	1-14
X	US 6 326 721 B1 (SHIPPEE DANIEL P ET AL) 4 December 2001 (2001-12-04) the whole document	1-14
X	GB 661 676 A (NILS GUSTAV LENNART KRONSTROEM; LUMALAMPAN AKTIEBOLAG) 28 November 1951 (1951-11-28) the whole document	1-14
A	US 5 272 407 A (TILLMAN ET AL) 21 December 1993 (1993-12-21) figure 3	1-14
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>* Special categories of cited documents :</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*Z* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search 8 February 2006		Date of mailing of the international search report 06/03/2006
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer But, G-I

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 07, 31 March 1999 (1999-03-31) & JP 08 077973 A (SAMSUNG DISPLAY DEVICES CO LTD), 22 March 1996 (1996-03-22) abstract -----	1-14
A	US 4 918 352 A (HESS ET AL) 17 April 1990 (1990-04-17) column 1; figure 1 -----	1-14
A	US 6 054 810 A (YAMAMOTO ET AL) 25 April 2000 (2000-04-25) figure 1 -----	1-14

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Information on patent family members

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